

## Case 318 : Narrative

Case Vehicle (A): 2000 Chevrolet	Vehicle (B): Ford
Type: Malibu LS, 4-door sedan	Type: Passenger car
Driver: 24-year-old male	Driver: Unknown
CDC: 06-LPMS-1, 12-FLEE-3	CDC: 99-0000-0

### SITUATION

[1](#) [2](#) [3](#) On a cloudy night in a residential area, case vehicle (A) was traveling east on a two-lane asphalt road, at a driver-estimated speed of 40 mph (64 kph). The roads were dry, it was dark with streetlights, and the speed limit was 30 mph (48 kph). Vehicle (B) was also traveling east in the same lane, and was behind case vehicle (A). Vehicle (B) accelerated and crossed the centerline to pass case vehicle (A) in a no-passing zone. [4](#) As vehicle (B) was passing case vehicle (A), the driver of vehicle (B) swerved to the right and sideswiped the left-rear door of case vehicle (A). [5](#) [6](#) [7](#) [8](#) In response, the driver of case vehicle (A) steered quickly to the right and lost control of the vehicle, which departed the south edge of the road where it struck a 61-cm diameter tree with its left-front bumper corner. [9](#) The tree was located 3-meters south of the road edge. The vehicle was towed from the scene due to damage. The police reported "A" injuries and the driver was transported to a trauma center by ambulance. He reportedly had an alcohol level of .12 percent.

### GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[10](#) The first impact to the left-rear door panel was very minor, and resulted only in a 25-cm scratch along the exterior door panel.

[11](#) [12](#) The narrow offset-frontal impact with the tree began at the left-front bumper corner and extended 38-cm to the right, resulting in a vehicle overlap of 30 percent. The maximum crush was 66 cm and occurred at the left-front bumper corner.

Using the WinSMASH crash-reconstruction program and c-values measured for [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) case vehicle (A), the following impact severity was calculated for the frontal impact with the tree.

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A) front	delta V	31 (19)	-31 (-19)	0 (0)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

[22](#) The front bumper was damaged and the bumper cover was completely separated from the vehicle. [23](#) The grille was damaged, both headlight assemblies were crushed, and the glass was broken. [24](#) [25](#) The hood was crushed and pushed up and to the rear, and the hood latch was damaged and had released. [26](#) Both hood hinges were deformed, but not separated, allowing the rear edge of the hood to elevate and move rearward. [27](#) The left-lower corner of the hood and the left hood hinge contacted and cracked the lower-left corner of the windshield. [28](#) In addition, there were cracks throughout the entire windshield and the top portion was cut to extricate the driver. [29](#) The roof was buckled on both sides, just above the driver and right-front door-panel/window frame areas.

[30](#) On the left side, direct damage from the frontal impact extended into the fender, pushing it rearward into the lower portion of the A-pillar and door panel, and causing damage to the pillar and the driver door to be jammed closed. [31](#) The left-front axle was broken, the left-front tire was deflated, and the wheel was pushed rearward, causing the left wheelbase to be reduced 32 cm. [32](#) The door was deformed, the window frame was bent, and the glazing was disintegrated. [33](#) The upper portion of the left A-pillar was damaged and pushed vertically and to the rear, in addition to being cut during extrication.

[34](#) There was no damage to the upper or lower portions of the left B- or C-pillars, the left-rear door was operational, and there was no damage to the glazing on the door. There was a 25-cm scratch on the center portion of the left-rear door from the first impact with vehicle (B). There was no other damage to the left side of case vehicle (A).

[35](#) [36](#) On the right side, the front fender was deformed and drawn inward and to the left. [37](#) There was no damage to the right A-, B- or C-pillars, and the right doors were undamaged and operational, but the right-front door was slightly ajar due to the right upper A-pillar being cut to extricate. There was no glazing damage to the right side. Damage to the right-front axle caused the right wheelbase to be increased approximately 6 cm on the right side. [38](#) There was no other damage to the right side.

[39](#) There was no damage to the rear of case vehicle (A).

## Interior

Location	Component	Distance (cm)	Direction
left front	instrument panel	32	to rear
	kickpanel	25	to right
	toe pan	20	to rear
	floor	10	up
	steering column	unknown	to rear
left rear	floor	8	up

## OCCUPANT KINEMATICS AND INJURIES

[61](#) The 5 ft, 9 in, 200 lb, 24-year-old male driver was wearing the available three-point belt, and the airbag deployed during the frontal impact with the tree. [62](#) [63](#) [64](#) [65](#) [66](#) [67](#) Belt use at the time of the crash is indicated by load burns on the plastic D-ring, the continuous loop, and the belt webbing, as well as by the fact that the belt had been cut and the buckle

tab was still engaged in the buckle receiver. The driver reportedly adjusted the seat to a mid-to-rear-track position and the upper shoulder belt anchor point to the lowest position on the B-pillar. He reportedly steered to the right just before exiting the road, but he did not think he had time to apply the brakes before striking the tree.

During the frontal impact with the tree, the driver moved forward relative to the vehicle interior into the belt restraints and the airbag. Loading by the shoulder and lap belt resulted in an abrasion to the left side of the neck and bilateral contusions to the lower abdomen. [68](#) He sustained a contusion to the right forearm, probably from contact by the deploying airbag. [69](#) He sustained lacerations to the dorsal aspect of the left hand, probably from contact with the instrument panel, and lacerations to the dorsal aspect of the left wrist and forearm, probably from contact with his wristwatch, which reportedly came off of his arm and was damaged. [70](#) He sustained a comminuted fracture to the shaft of the right femur, probably from knee contact with the knee bolster, although there was no clear evidence of contact. [71](#) [72](#) He also sustained displaced fractures to the shafts of the right tibia and fibula, possibly from axial loading of the leg due to foot contact with the toepan or foot controls. [73](#) [74](#) He sustained a laceration to the medial aspect of the left knee and an abrasion and contusion to the lower portion of the left shin, probably from contact with the knee bolster.

The following table and attached drawing [75](#) summarize the injuries for the restrained driver.

Occupant: Driver	Age: 24 years	Gender: Male		
Restraints: 3-point belt worn; airbag deployed	Stature: 175 cm (5 ft, 9 in)	Mass: 91 kg (200 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Abrasion, left side of neck	1	Shoulder belt	—	—
Contusions, bilateral lower abdomen	1	Lap belt	—	—
Contusion, right forearm	1	—	Airbag	—
Lacerations, dorsal aspect of left hand	1	—	Instrument panel	—
Lacerations, dorsal aspect of left wrist	1	—	Wristwatch	—
Lacerations, dorsal aspect of left forearm	1	—	Wristwatch	—
Comminuted fracture, shaft of right femur	3	—	Knee bolster	—
Displaced fracture, shaft of right tibia	3	—	—	Toepan/ foot controls
Displaced fracture, shaft of right fibula	2	—	—	Toepan/foot controls
Laceration, medial aspect of left knee	1	—	Knee bolster	—
Abrasion and contusion, lower portion of left shin	1	—	Knee bolster	—
Maximum A.I.S. Level	3	—	—	—
Injury Severity Score	10	—	—	—

CASE NO.: 878-89

CASE ROLE: 2089 Observer

TYPE: Multiple IL, 4-hour action

DOCTOR: 2089 34-year-old male

STATUS: 178 cm (5' 6.4" in)    MASS: 66 kg (145 lb)

WOUNDS/IL: 2 palm lacerations; airbag deployed

SYNOPSIS: 10/25/91    10/25/91



Case No.: 288-02  
Case No.: 288-02  
Type: Multi-lane, 4-lane section  
Driver: 34-year-old male  
Vehicle (V): Unknown Ford passenger car

Weather: Cloudy  
Road Surface: Dry  
Road Construction: Asphalt  
Light Condition: Daylight



# Vehicle Report

## General

## Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	1	Urban	<a href="#">more</a>
V207 — Limited Access Highway	0	No	<a href="#">more</a>
V208 — Road Total Lanes	2	2 lanes	<a href="#">more</a>
V209 — Intersecting Road Total Lanes	8	Not applicable	<a href="#">more</a>
V210 — Road Surface Type	1	Asphalt	<a href="#">more</a>
V211 — Road Defects	0	No	<a href="#">more</a>
V212 — Construction Zone	0	No	<a href="#">more</a>
V213 — Road Alignment Vertical Plane	1	Level	<a href="#">more</a>
V214 — Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V215 — Surface Covering	10	Dry	<a href="#">more</a>
V216 — Visibility Limitation	0	None	<a href="#">more</a>
V217 — Visibility Obstruction	0	None	<a href="#">more</a>
V218 — Speed Limit	1	46-55 km/h .. 30 mph	<a href="#">more</a>
V219 — Precipitation Type	0	None	<a href="#">more</a>
V220 — Precipitation Rate	8	Not applicable	<a href="#">more</a>
V221 — Temperature	9	Unknown	<a href="#">more</a>
V222 — Crosswind	9	Unknown	<a href="#">more</a>
V223 — Light Conditions	4	Dark, lighted	<a href="#">more</a>
V224 — Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V225 — Case Vehicle and Object	1	Yes	<a href="#">more</a>
V226 — Case Vehicle Rollover	0	No	<a href="#">more</a>



V227 — Case Vehicle Ran Off Roadway	0	No	<a href="#">more</a>
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	<a href="#">more</a>
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	<a href="#">more</a>
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	<a href="#">more</a>
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	<a href="#">more</a>
V232 — Any Fire in Crash	0	No	<a href="#">more</a>
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	<a href="#">more</a>
V234 — Driver Alcohol Involvement	1	Had been drinking	<a href="#">more</a>
V235 — Driver Alcohol BAC	12	—	—
V236 — Driver Impairment Mention	0	No	<a href="#">more</a>
V237 — Driven/Towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	999999999999	—	—
V302 — Other Vehicle Manufacturer/Body Code	12120	—	—
V303 — Other Vehicle Manufacturer	121	Ford	<a href="#">more</a>
V304 — Other Vehicle Body Code	20	Unknown passenger car body type	<a href="#">more</a>
V305 — Other Vehicle Make/Model	9999	—	—
V306 — Other Vehicle Model Year	9999	No other vehicle	<a href="#">more</a>
V307 — Other Vehicle Mass	999999	Unknown	<a href="#">more</a>
V308 — Other Vehicle Number	0	No separate report	<a href="#">more</a>
V309 — Other Vehicle Number of Occupants	99	Unknown	<a href="#">more</a>
V310 — Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V311 — Highest Police Injury Severity	9	Unknown	<a href="#">more</a>
V312 — Other Vehicle Type	20	Unknown passenger vehicle body	<a href="#">more</a>
V313 — Other Vehicle Wheelbase (cm)	999	Unknown wheelbase	<a href="#">more</a>
V314 — Average Track Width	999	Unknown	<a href="#">more</a>
V315 — Overall Length	999	Unknown	<a href="#">more</a>
V316 — Overall Width (OAW)	999	Unknown	<a href="#">more</a>
V317 — Front Overhang (FOH)	999	Unknown	<a href="#">more</a>
V318 — Rear Overhang (ROH)	999	Unknown	<a href="#">more</a>
V319 — Undeformed End Width (UEW)	999	Unknown	<a href="#">more</a>
V320 — Engine Displacement	9.9 l	—	—
V321 — Engine: Number of Cylinders	99	Unknown	<a href="#">more</a>
V322 — Direct Damage Length (DDL)	999	Unknown	<a href="#">more</a>
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	<a href="#">more</a>
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle

### General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1G1NE52J0Y62	—	—
V402 — Manufacturer/Body Code	11328	—	—
V403 — Vehicle Manufacturer	113	Chevrolet	<a href="#">more</a>
V404 — Vehicle Body Code	28	—	—
V405 — Make/Model Code	0153	Malibu	<a href="#">more</a>
V406 — Model Year	2000	—	—
V407 — Vehicle Mass	001384 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	064 kph	—	—
V411 — Body Type	14	4-door sedan	<a href="#">more</a>
V412 — Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V413 — Body Structure	2	Unitized	<a href="#">more</a>
V414 — Transmission Type	1	Automatic	<a href="#">more</a>
V415 — Transmission Lever Location	2	Console	<a href="#">more</a>
V416 — Steering	1	Power	<a href="#">more</a>
V417 — Brakes	1	Power	<a href="#">more</a>
V418 — Brake Type	2	Disc - front wheels	<a href="#">more</a>
V419 — Brake Anti-lock Device	2	Four-wheel	<a href="#">more</a>
V420 — Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V421 — Drive Type	2	Front wheel	<a href="#">more</a>
V422 — Dual Rear Wheels	0	No	<a href="#">more</a>
V423 — Original Restraint System Type	3	Airbag	<a href="#">more</a>

V424 — Equipped With Roll Bar	0	No	<a href="#">more</a>
V425 — Roof Type	1	Solid	<a href="#">more</a>
V426 — Wheelbase	272 cm	—	—
V427 — Anti-lacerative Glass	0	None	<a href="#">more</a>
V428 — Average Track Width	151 cm	—	—
V429 — Overall Length	485 cm	—	—
V430 — Overall Width (OAW)	176 cm	—	—
V431 — Front Overhang	101 cm	—	—
V432 — Rear Overhang	112 cm	—	—
V433 — Undeformed End Width (UEW)	148 cm	—	—
V434 — Engine Displacement	3.1 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	038 cm	—	—
V437 — Front End Overlap % (FEO)	26	—	—
V438 — Vehicle Overlap % (VOL)	30	—	—

## Case Vehicle

## Damage

## Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	066 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V504 — Maximum Crush - Left Side	001 cm	—	—
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V507 — Are Events In Chronological Order	1	Yes	<a href="#">more</a>
V508 — Event 1 Impact Location	1	On Roadway	<a href="#">more</a>
V509 — Event 1 Impact Configuration	26	LEFT of case veh - SIDESWIPE by contacted Vehicle	<a href="#">more</a>
V510 — Event 1 Object/Vehicle Contacted	20	Unknown passenger vehicle body	<a href="#">more</a>
V511 — Event 2 Impact Location	4	Outside Roadside right-of- way	<a href="#">more</a>
V512 — Event 2 Impact Configuration	17	FRONT of case veh - object	<a href="#">more</a>
V513 — Event 2 Object/Vehicle Contacted	77	Sign post, utility pole, tree	<a href="#">more</a>
V514 — Event 3 Impact Location	8	No 3rd event	<a href="#">more</a>
V515 — Event 3 Impact Configuration	88	No 3rd event	<a href="#">more</a>
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V517 — Event 4 Impact Location	8	No 4th event	<a href="#">more</a>
V518 — Event 4 Impact Configuration	88	No 4th event	<a href="#">more</a>
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V520 — Event 5 Impact Location	8	No 5th event	<a href="#">more</a>
V521 — Event 5 Impact Configuration	88	No 5th event	<a href="#">more</a>
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>

V523 — Event 6 Impact Location	8	No 6th event	<a href="#">more</a>
V524 — Event 6 Impact Configuration	88	No 6th event	<a href="#">more</a>
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V526 — Event 7 Impact On Road	8	No 7th event	<a href="#">more</a>
V527 — Event 7 Impact Configuration	88	No 7th event	<a href="#">more</a>
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V529 — Primary CDC Case Vehicle -event Number	2	Event 2	<a href="#">more</a>
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	<a href="#">more</a>
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V532 — Primary CDC Case Vehicle -crush	066	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	<a href="#">more</a>
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	<a href="#">more</a>
V535 — Primary CDC Case Vehicle letter 2 #1	12	L - Left (Front or Rear)	<a href="#">more</a>
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V537 — Primary CDC Case Vehicle letter 4 #1	05	E - Corner (extends from corner to = or < 16 in [410mm])	<a href="#">more</a>
V538 — Primary CDC Case Vehicle Extent #1	03	Extent 3	<a href="#">more</a>
V539 — Primary CDC Case Vehicle -CDC #1	12FLEE 3	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V549 — Primary CDC Contacted Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V550 — Primary CDC Contacted Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>

V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V556 — Primary CDC Contacted Vehicle -CDC #1	9800000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	1	Event 1	<a href="#">more</a>
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	001		<a href="#">more</a>
V568 — Secondary CDC Case Vehicle -clock #1	06	6 o'clock	<a href="#">more</a>
V569 — Secondary CDC Case Vehicle letter 1 #1	12	L - Left Side	<a href="#">more</a>
V570 — Secondary CDC Case Vehicle letter 2 #1	16	P - Side Center Section (Left or Right)	<a href="#">more</a>
V571 — Secondary CDC Case Vehicle letter 3 #1	13	M - Middle (top of frame to belt line or hood)	<a href="#">more</a>
V572 — Secondary CDC Case Vehicle letter 4 #1	19	S - Sideswipe	<a href="#">more</a>
V573 — Secondary CDC Case Vehicle Extent #1	01	Extent 1	<a href="#">more</a>
V574 — Secondary CDC Case Vehicle -CDC #1	06LPMS 1	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>

V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V583 — Secondary CDC Contacted Vehicle - Estimated By	1	—	—
V584 — Secondary CDC Contacted Vehicle -crush	999	Unknown	<a href="#">more</a>
V585 — Secondary CDC Contacted Vehicle -clock #1	99	Unknown or no damage	<a href="#">more</a>
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V591 — Secondary CDC Contacted Vehicle -CDC #1	9900000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V598 — Secondary CDC Contacted Vehicle -CDC #2	9900000	—	—



## Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	031 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-031 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0603 kJ	—	—
V606 — Primary Impact Case Vehicle -reconstruction	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	999	Unknown	<a href="#">more</a>
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	9999	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	9999	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—
V617 — Secondary Case Vehicle Reconstruction Note	88	—	—
V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>

V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	031 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-031 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0000 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0603 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V630 — Primary Contacted Vehicle Reconstruction Total EBS	999	Unknown	<a href="#">more</a>
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	9999	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	9999	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	9999	—	—
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	<a href="#">more</a>
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction Note	88	—	—
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>

V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	<a href="#">more</a>
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	038 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	066 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	101 cm	—	—
V650 — Case Vehicle Impact 1 C1	066 cm	—	—
V651 — Case Vehicle Impact 1 C2	030 cm	—	—
V652 — Case Vehicle Impact 1 C3	022 cm	—	—
V653 — Case Vehicle Impact 1 C4	012 cm	—	—
V654 — Case Vehicle Impact 1 C5	002 cm	—	—
V655 — Case Vehicle Impact 1 C6	000 cm	No Crush	<a href="#">more</a>
V656 — Case Vehicle Impact 1 +/- D	-055 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	1	—	—
V658 — Case Vehicle Impact 2 Plane	9	Unknown	<a href="#">more</a>
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V660 — Case Vehicle Impact 2 Max Crush	999	Unknown	<a href="#">more</a>
V661 — Case Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V662 — Case Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>
V663 — Case Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V664 — Case Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>
V665 — Case Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V666 — Case Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V667 — Case Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>

V668 — Case Vehicle Impact 2 +/- D	9999	—	—
V669 — Other Vehicle Reconstructed Impact Number	2	—	—
V670 — Other Vehicle Impact 1 Plane	8	Not applicable	<a href="#">more</a>
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	998	Not applicable	<a href="#">more</a>
V672 — Other Vehicle Impact 1 Max Crush	998	Not applicable	<a href="#">more</a>
V673 — Other Vehicle Impact 1 Field-L	998	Not applicable	<a href="#">more</a>
V674 — Other Vehicle Impact 1 C1	998	Not applicable	<a href="#">more</a>
V675 — Other Vehicle Impact 1 C2	998	Not applicable	<a href="#">more</a>
V676 — Other Vehicle Impact 1 C3	998	Not applicable	<a href="#">more</a>
V677 — Other Vehicle Impact 1 C4	998	Not applicable	<a href="#">more</a>
V678 — Other Vehicle Impact 1 C5	998	Not applicable	<a href="#">more</a>
V679 — Other Vehicle Impact 1 C6	998	Not applicable	<a href="#">more</a>
V680 — Other Vehicle Impact 1 +/- D	9998	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	<a href="#">more</a>
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	<a href="#">more</a>
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	<a href="#">more</a>
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	<a href="#">more</a>
V686 — Other Vehicle Impact 2 C1	998	Not applicable	<a href="#">more</a>
V687 — Other Vehicle Impact 2 C2	998	Not applicable	<a href="#">more</a>
V688 — Other Vehicle Impact 2 C3	998	Not applicable	<a href="#">more</a>
V689 — Other Vehicle Impact 2 C4	998	Not applicable	<a href="#">more</a>
V690 — Other Vehicle Impact 2 C5	998	Not applicable	<a href="#">more</a>
V691 — Other Vehicle Impact 2 C6	998	Not applicable	<a href="#">more</a>
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

## Case Vehicle

### Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	<a href="#">more</a>
V702 — Right Front Wheel Damaged	0	No	<a href="#">more</a>
V703 — Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V704 — Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V705 — Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V706 — Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V707 — Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V708 — Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V709 — Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V710 — Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V711 — Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V712 — Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V717 — Left Front Tire Size	P21560R15	—	—
V718 — Right Front Tire Size	P21560R15	—	—
V719 — Right Rear Tire Size	P21560R15	—	—
V720 — Left Rear Tire Size	P21560R15	—	—

## Case Vehicle

### Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	<a href="#">more</a>
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	<a href="#">more</a>
V803 — Main Filler Cap Location	133	—	—
V804 — Main Tank Material	1	Steel	<a href="#">more</a>
V805 — Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V806 — Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V808 — Aux Tank Material	8	Not applicable	<a href="#">more</a>
V901 — Fuel Leakage From Crash	0	No	<a href="#">more</a>
V1001 — Fire In Or On Case Vehicle	0	No	<a href="#">more</a>

## Case Vehicle

### Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	1	Yes	<a href="#">more</a>
V1102 — Hood Latch Damaged	1	Yes	<a href="#">more</a>
V1103 — Hood Latch Jammed	0	No	<a href="#">more</a>
V1104 — Left Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1105 — Left Hood Hinge Separated	0	No	<a href="#">more</a>
V1106 — Right Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1107 — Right Hood Hinge Separated	0	No	<a href="#">more</a>
V1108 — Hood Remained On Vehicle	1	Yes	<a href="#">more</a>
V1109 — Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110 — Edge Contacted Windshield	1	Yes	<a href="#">more</a>
V1111 — Edge Penetrated Windshield	9	Unknown	<a href="#">more</a>
V1112 — Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113 — Eng/Transmissn Mount Separation	0	No	<a href="#">more</a>
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	<a href="#">more</a>
V1115 — Steerng Column Coupling Damaged	9	Unknown	<a href="#">more</a>
V1116 — Steerng Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117 — Eng Comp Telescopng Unit	88	Not collected	<a href="#">more</a>
V1118 — Comp Orig/Telescopd Diff	888	Not collected	<a href="#">more</a>
V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1122 — Upper Left B-pillar Separation	0	No	<a href="#">more</a>
V1123 — Lower Left B-pillar Separation	0	No	<a href="#">more</a>

V1124 — Upper Left C-pillar Separation	0	No	<a href="#">more</a>
V1125 — Lower Left C-pillar Separation	0	No	<a href="#">more</a>
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1128 — Left Front Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1129 — Left Rear Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1130 — Left Front Door Jammed Closed	1	Yes	<a href="#">more</a>
V1131 — Left Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1132 — Rear Door Type	0	No door (includes pickups)	<a href="#">more</a>
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	<a href="#">more</a>
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	<a href="#">more</a>
V1135 — Luggage Partition Damagd	0	No	<a href="#">more</a>
V1136 — Spare Tire Status	8	Not collected	<a href="#">more</a>
V1137 — Trailer Hitch Type	0	No hitch	<a href="#">more</a>
V1138 — Trailer Type	0	No trailer	<a href="#">more</a>
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1140 — Upper Right A-pillar Separation	0	No	<a href="#">more</a>
V1141 — Lower Right A-pillar Separation	0	No	<a href="#">more</a>
V1142 — Upper Right B-pillar Separation	0	No	<a href="#">more</a>
V1143 — Lower Right B-pillar Separation	0	No	<a href="#">more</a>
V1144 — Upper Right C-pillar Separation	0	No	<a href="#">more</a>
V1145 — Lower Right C-pillar Separation	0	No	<a href="#">more</a>
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1148 — Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>



V1149 — Right Rear Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1150 — Right Front Door Jammed Closed	0	No	<a href="#">more</a>
V1151 — Right Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1152 — Van Rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>
V1153 — Windshield Cracked		Yes	<a href="#">more</a>
V1154 — Windshield Broken	0	No	<a href="#">more</a>
V1155 — Windshield Cracked or Broken by Occupant	0	No	<a href="#">more</a>
V1156 — Bond Separation Extent	0	None	<a href="#">more</a>
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Steering

#### Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	<a href="#">more</a>
V1202 — Number of Steering Wheel Spokes	4	4 spokes	<a href="#">more</a>
V1203 — Steering Wheel Spoke Damage	0	None	<a href="#">more</a>
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	<a href="#">more</a>
V1205 — Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1206 — Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1207 — Wheel Energy Absorb Device	8	Not collected	<a href="#">more</a>
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	<a href="#">more</a>
V1209 — Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	<a href="#">more</a>
V1211 — Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1212 — Column Vertical Rotation	1	Upward apparent rotation	<a href="#">more</a>
V1213 — Column Lateral Rotation	1	Left apparent rotation	<a href="#">more</a>
V1214 — Steering Wheel Hub Damage	0	None	<a href="#">more</a>

## Case Vehicle

### Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	<a href="#">more</a>
V1302 — Was Intrusion Catastrophic	0	No	<a href="#">more</a>
V1303 — Intrusion Number 01	01	Intrusion #1	<a href="#">more</a>
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1305 — Intrusion 01 Intruding Object	01	Instrument panel	<a href="#">more</a>
V1306 — Intrusion 01 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1307 — Intrusion 01 Max Intrusion X-axis	32 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	<a href="#">more</a>
V1311 — Intrusion 01 Injury Number	04	Injury #4	<a href="#">more</a>
V1312 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	<a href="#">more</a>
V1313 — Intrusion 01 Injury Number	07	Injury #7	<a href="#">more</a>
V1314 — Intrusion Number 02	02	Intrusion #2	<a href="#">more</a>
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1316 — Intrusion 02 Intruding Object	29	Side footwell panel (kickpanel)	<a href="#">more</a>
V1317 — Intrusion 02 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1318 — Intrusion 02 Max Intrusion X-axis	25 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>

V1325 — Intrusion Number 03	03	Intrusion #3	<a href="#">more</a>
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1327 — Intrusion 03 Intruding Object	03	Toe pan	<a href="#">more</a>
V1328 — Intrusion 03 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1329 — Intrusion 03 Max Intrusion X-axis	20 cm	—	—
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1332 — Intrusion 03 Occupant Number	01	Occupant number 1, contact	<a href="#">more</a>
V1333 — Intrusion 03 Injury Number	08	Injury #8	<a href="#">more</a>
V1334 — Intrusion 03 Occupant Number	01	Occupant number 1, contact	<a href="#">more</a>
V1335 — Intrusion 03 Injury Number	09	Injury #9	<a href="#">more</a>
V1336 — Intrusion Number 04	04	Intrusion #4	<a href="#">more</a>
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1338 — Intrusion 04 Intruding Object	04	Floor pan	<a href="#">more</a>
V1339 — Intrusion 04 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342 — Intrusion 04 Max Intrusion Z-axis	10 cm	—	—
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1346 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1347 — Intrusion Number 05	05	Intrusion #5	<a href="#">more</a>
V1348 — Intrusion 05 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1349 — Intrusion 05 Intruding Object	05	Steering column	<a href="#">more</a>
V1350 — Intrusion 05 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1351 — Intrusion 05 Max Intrusion X-axis	99	Unknown or data not collected	<a href="#">more</a>
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1358 — Intrusion Number 06	06	Intrusion #6	<a href="#">more</a>
V1359 — Intrusion 06 Occupant Space Number	21	Second row, Left seat	<a href="#">more</a>
V1360 — Intrusion 06 Intruding Object	04	Floor pan	<a href="#">more</a>
V1361 — Intrusion 06 Assoc Event Number	2	Event #2	<a href="#">more</a>
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1364 — Intrusion 06 Max Intrusion Z-axis	08 cm	—	—
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1368 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1369 — Intrusion Number 07	00	No Intrusion, None	<a href="#">more</a>
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1380 — Intrusion Number 08	00	No Intrusion, None	<a href="#">more</a>

V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1391 — Intrusion Number 09	00	No Intrusion, None	<a href="#">more</a>
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1402 — Intrusion Number 10	00	No Intrusion, None	<a href="#">more</a>
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413 — Door Intrusion Number 01	88	Not Applicable	<a href="#">more</a>
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	<a href="#">more</a>
V1415 — Door Intrusion Number 02	88	Not Applicable	<a href="#">more</a>
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	<a href="#">more</a>
V1417 — Door Intrusion Number 03	88	Not Applicable	<a href="#">more</a>
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	<a href="#">more</a>
V1419 — Door Intrusion 01 Component	88	Not Applicable	<a href="#">more</a>
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1422 — Door Intrusion 02 Component	88	Not Applicable	<a href="#">more</a>
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1425 — Door Intrusion 03 Component	88	Not Applicable	<a href="#">more</a>
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1428 — Door Intrusion 04 Component	88	Not Applicable	<a href="#">more</a>
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	<a href="#">more</a>
V1502 — Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1503 — Driver Airbag Condition	0	No Damage	<a href="#">more</a>
V1504 — Passenger Airbag Equip	1	Yes	<a href="#">more</a>
V1505 — Passenger Airbag Deployed	1	Yes	<a href="#">more</a>
V1506 — Passenger Airbag Condition	0	No Damage	<a href="#">more</a>
V1507 — Steering Wheel Airbag Tether	1	Yes	<a href="#">more</a>
V1508 — Driver Airbag Marked By Contact	1	Yes	<a href="#">more</a>
V1509 — Passenger Airbag Tether	0	No	<a href="#">more</a>
V1510 — Passenger Airbag Marked By Contact	0	No	<a href="#">more</a>



## Case Vehicle

### Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	1	Yes	<a href="#">more</a>
V1602 — Right Front Door Damaged	0	No	<a href="#">more</a>
V1603 — Left Front Hardware Damaged	1	Yes	<a href="#">more</a>
V1604 — Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605 — Left Front Armrest Damaged	1	Yes	<a href="#">more</a>
V1606 — Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607 — Left Front Glass Damaged	1	Yes	<a href="#">more</a>
V1608 — Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609 — Left Rear Door Area Damaged	0	No	<a href="#">more</a>
V1610 — Right Rear Door Area Damaged	0	No	<a href="#">more</a>
V1611 — Left Rear Hardware Damaged	0	No	<a href="#">more</a>
V1612 — Right Rear Hardware Damaged	0	No	<a href="#">more</a>
V1613 — Left Rear Armrest Damaged	0	No	<a href="#">more</a>
V1614 — Right Rear Armrest Damaged	0	No	<a href="#">more</a>
V1615 — Left Rear Glass Damaged	0	No	<a href="#">more</a>
V1616 — Right Rear Glass Damaged	0	No	<a href="#">more</a>
V1617 — Left Roof Side Rail Damaged	1	Yes	<a href="#">more</a>
V1618 — Right Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1619 — Left B-pillar Damaged	0	No	<a href="#">more</a>
V1620 — Right B-pillar Damaged	0	No	<a href="#">more</a>
V1621 — Left C-pillar Damaged	0	No	<a href="#">more</a>
V1622 — Right C-pillar Damaged	0	No	<a href="#">more</a>
V1623 — Left D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1624 — Right D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1625 — Left Headlining Damaged	0	No	<a href="#">more</a>

V1626 — Right Headlining Damaged	0	No	<a href="#">more</a>
V1627 — Left Roof Structure Damaged	0	No	<a href="#">more</a>
V1628 — Right Roof Structure Damaged	0	No	<a href="#">more</a>
V1629 — Left T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630 — Right T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631 — Other Left Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1632 — Other Right Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1633 — Foot Controls Damaged	1	Yes	<a href="#">more</a>
V1634 — Ignition Key Damaged	0	No	<a href="#">more</a>
V1635 — Rear View Mirror Damaged	1	Yes	<a href="#">more</a>
V1636 — Sunvisor/Fitting Damaged	0	No	<a href="#">more</a>
V1637 — Windshield Molding Damaged	0	No	<a href="#">more</a>
V1638 — Left A-pillar Damaged	1	Yes	<a href="#">more</a>
V1639 — Right A-pillar Damaged	0	No	<a href="#">more</a>
V1640 — Center Console Damaged	0	No	<a href="#">more</a>
V1641 — Transmission Lever Damaged	0	No	<a href="#">more</a>
V1642 — Horn/Spoke Shroud Damagd	0	No	<a href="#">more</a>
V1643 — Upper Panel Damaged	1	Yes	<a href="#">more</a>
V1644 — Mid Panel Damaged	1	Yes	<a href="#">more</a>
V1645 — Lower Panel Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1646 — Ashtray Damaged	0	No	<a href="#">more</a>
V1647 — Control Knob/Lever Damaged	0	No	<a href="#">more</a>
V1648 — Glove Compartment Area Damaged	0	No	<a href="#">more</a>
V1649 — Instruments Damaged	0	No	<a href="#">more</a>
V1650 — Park Brake Release Damaged	1	Yes	<a href="#">more</a>
V1651 — Park Brake Pedal Damaged	1	Yes	<a href="#">more</a>
V1652 — A/C Or Upper Vent Damaged	0	No	<a href="#">more</a>
V1653 — Heater Or A/C Duct Damaged	0	No	<a href="#">more</a>
V1654 — Radio Damaged	0	No	<a href="#">more</a>

V1655 — Other Item Damaged	8	Not applicable	<a href="#">more</a>
V1656 — Rear Window Damaged	0	No	<a href="#">more</a>
V1657 — Rear Window Header Damaged	0	No	<a href="#">more</a>
V1658 — Vertical Console Damaged	8	Not applicable	<a href="#">more</a>
V1659 — Roof Console Damaged	8	Not applicable	<a href="#">more</a>

## Case Vehicle

### Seats

Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	<a href="#">more</a>
V1702 — Passenger Front Seat Type	05	Bucket	<a href="#">more</a>
V1703 — Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704 — Passenger Seat Mount Type	1	Standard	<a href="#">more</a>
V1705 — Driver Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1706 — Passenger Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1707 — Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708 — Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1711 — Driver Seat Damage	0	None	<a href="#">more</a>
V1712 — Passenger Seat Damage	0	None	<a href="#">more</a>
V1713 — Center Front Armrest Damaged	0	No	<a href="#">more</a>
V1714 — Driver Seat Rotation	5	Multiple rotations	<a href="#">more</a>
V1715 — Passenger Seat Rotation	0	None apparent	<a href="#">more</a>
V1716 — Driver Seat-back Type	3	Reclining	<a href="#">more</a>
V1717 — Passenger Seat-back Type	3	Reclining	<a href="#">more</a>
V1718 — Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719 — Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720 — Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721 — Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1722 — Driver Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1723 — Passenger Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1724 — Driver Head Restraint Type	1	Adjustable	<a href="#">more</a>
V1725 — Passenger Head Restraint Type	1	Adjustable	<a href="#">more</a>

V1726 — Driver Head Rest Removed	0	No	<a href="#">more</a>
V1727 — Passenger Head Rest Removed	0	No	<a href="#">more</a>
V1728 — Driver Head Rest Adjustment	2	Down	<a href="#">more</a>
V1729 — Passenger Head Rest Adjustment	2	Down	<a href="#">more</a>
V1730 — Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731 — Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732 — Driver Seat Adjustment Type	2	Power	<a href="#">more</a>
V1733 — Passenger Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1734 — Driver Seat Adjustment Provided	3	6-way	<a href="#">more</a>
V1735 — Passenger Seat Adjustment Provided	1	2-way	<a href="#">more</a>
V1736 — Driver Seat Adjuster Damage	9	Unknown	<a href="#">more</a>
V1737 — Passenger Seat Adjuster Damage	0	None	<a href="#">more</a>
V1738 — Driver Seat Adjuster Separation	0	None	<a href="#">more</a>
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1740 — Driver Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1741 — Passenger Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1742 — Left Rear Seat Type	1	Non-folding	<a href="#">more</a>
V1743 — Right Rear Seat Type	1	Non-folding	<a href="#">more</a>
V1744 — Left Rear Seat Damaged	0	None	<a href="#">more</a>
V1745 — Right Rear Seat Damaged	0	None	<a href="#">more</a>
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	<a href="#">more</a>
V1747 — Left Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1748 — Right Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1749 — Left Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1751 — Left Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1752 — Right Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>

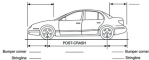
V1754 — Right Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1755 — Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1756 — Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1761 — Rear Head Restraints	1	Equipped	<a href="#">more</a>

# MEASUREMENTS IN CENTIMETERS

no inspection  
hit and run



Original  
Bumper Height



Bumper corner

Sillings

Bumper corner

Sillings



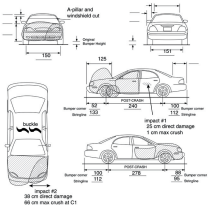
Bumper corner

Sillings

Bumper corner

Sillings

MEASUREMENTS IN CENTIMETERS





**WINDSHIELD MARK ON CASE VEHICLE:**

unknown

windshield cut for extrication



hood contact:  
hinge contact

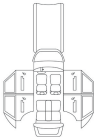
1 = Definitely 2 = Probably 3 = Possible

## INTRUSION IT-1

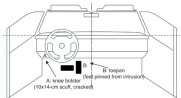
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
11	Instrument panel	68	–	36	= 32	To rear
11	Kickpanel	67	–	42	= 25	To right
11	Toe panel	106	–	88	= 20	To rear
11	Floor		–		= 10	Up
11	Steering column		–		= Unknown	To rear
21	Floor		–		= 8	Up
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

## OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Knee	10x14-cm scuff to left side, panel cracked)	1
B	Toe panel	1	Feet	Legs pinned from intrusion	1
C					
D					
E					
F					
G					



Driver belt use evidence:  
 scrapes on D-ring, latch plate in  
 buckle, marks on webbing



# Driver Airbag

AIRBAG MARKER ON DRIVER SIDE:



Model  16 2  
If yes, how many?

Model  16 4  
If yes, how many?

## Driver Airbag Seats



Passenger Airbag



Model: P (S)

Type/Location: \_\_\_\_\_

Model: P (S)

Type/Location: \_\_\_\_\_

Passenger Airbag Base

Dimensions



# Case # 318: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	34	Restraint system webbing	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	14	Neck	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	NLAI 1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	34	Restraint system webbing	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	13	Abdomen	<a href="#">more</a>
V2105 — Primary OIC -aspect	23	Whole region	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	MWCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—



# Case # 318: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	18	Forearm	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	RRCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 318: Occupant # 1; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	<a href="#">more</a>
V2102 — 1st Prob Contact Area	05	Instrument panel (specific area unknown)	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	23	Wrist/hand	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	WLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 5

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	05	Injury #5	<a href="#">more</a>
V2102 — 1st Prob Contact Area	38	Other (e.g. fire)	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	23	Wrist/hand	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	WLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 6

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	06	Injury #6	<a href="#">more</a>
V2102 — 1st Prob Contact Area	38	Other (e.g. fire)	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	18	Forearm	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	RLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 7

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	07	Injury #7	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	20	Thigh	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	3	Serious	<a href="#">more</a>
V2109 — Primary OIC	TRFS3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 8

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	08	Injury #8	<a href="#">more</a>
V2102 — 1st Prob Contact Area	40	Floor	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	28	Foot controls (including parking brake pedal)	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	3	Serious	<a href="#">more</a>
V2109 — Primary OIC	LRFS3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury # 9

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	09	Injury #9	<a href="#">more</a>
V2102 — 1st Prob Contact Area	40	Floor	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	28	Foot controls (including parking brake pedal)	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	2	Moderate	<a href="#">more</a>
V2109 — Primary OIC	LRFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury #10

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	10	Injury #10	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	11	Knee	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	KLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—



# Case # 318: Occupant # 1; Injury #11

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	11	Injury #11	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	LLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1; Injury #12

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	12	Injury #12	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	LLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 318: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	1	Left	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	24	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	091 kg	—	—
V2009 — Occupant Height	175 cm	—	—
V2010 — Occupant Sex	1	Male	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	04	Hospitalized over 24 hrs or for significant treatment	<a href="#">more</a>
V2012 — Injury Severity Score	10	ISS 10	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	3	A - Incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>

V2022 — Highest OIC Severity	3	Serious	<a href="#">more</a>
V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	0	None	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>











SPEED  
LIMIT  
30

↑  
BICYCLE





SPEED  
LIMIT  
30



















1015  
MORGAN  
TERRACE

SPEED  
LIMIT  
30













































3/13  
AAA  
1291637  
XK4-P  
VIN 208794











93  
AAA  
129637  
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VIN 208 794

129637  
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129637  
Am  
Rtn

Malibu LS

BILL CRISPIN









129637

AAA

















2BFG













































































AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE  
DAMAGE ON























20 40 60 80 100 120  
km/h  
E

OFF ACC ON Start

#1  
with  
BULL  
CRISPIN  
CHEVROLET  
7712 E. Michigan Ave.  
SALE PH: 430-6461  
AFTER HOURS PH: 600-5002











